AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

1.   (Currently Amended)   An automated identification methodology for identification of table of content links in a given hyperdocument for assembling a document representation by gathering the content of hyperlinked pages pointed to by the identified table of contents comprising:

searching page data to create a list of links in the given hyperdocument;

analyzing each link in conjunction with each other link in the list of links to identify link pairings;

assembling link pairings in order to form clusters of links;

examining the links in the cluster of links for locality;

weeding out the links which have properties that are not characteristic of intra-document links, to provide a resultant table of content set of identified candidate document pages; and,

grouping the content found in the resultant table of content set of candidate document pages into a document representation stored in memory for subsequent viewing or printing by a user of the given hyperdocument.

2.   (Original) The method of claim 1 wherein the step for analyzing each link further comprises determining a score for each link pairing.

3.   (Original) The method of claim 2 wherein the scoring is determined by a proximity criteria.

4.   (Original) The method of claim 2 wherein the scoring is determined by a similarity criteria.

5.   (Original) The method of claim 2 wherein the scoring is determined by a regularity criteria.

6. (Currently Amended) A system identification methodology for assembling a document representation for subsequent viewing or printing of a given hyperlinked hyperdocument by gathering related hyperlinked page content comprising:

performing a page-level link analysis that identifies those hyperlinks on a page linking to a candidate document page further comprising a methodology of:

analyzing each link in conjunction with each other link to identify link pairings;

assembling link pairings in order to form clusters of links; and,

examining the links in the cluster of links for locality;

performing a recursive application of the page-level link analysis to the linked candidate document page and any further nested candidate document pages thereby identified, until a collective table of content set of identified candidate document pages is assembled;

performing a document-level analysis that examines the collective table of content set of identified candidate document pages for grouping into one or more documents;

examining the collective table of content set of identified candidate document pages to weed out links which have properties that are not characteristic of intra-document links, to provide a resultant set of identified candidate document pages; and,

grouping the content found in the resultant set of candidate document pages into a document representation stored in memory for subsequent viewing or printing by a user of the given hyperlinked hyperdocument.

7. (Original) The method of claim 6 wherein the step for analyzing each link further comprises determining a score for each link pairing.

8. (Original) The method of claim 7 wherein the scoring is determined by a proximity criteria.

9.   (Original) The method of claim 7 wherein the scoring is determined by a similarity criteria.

10.   (Original) The method of claim 7 wherein the scoring is determined by a regularity criteria.

11.   (Currently Amended) A system identification methodology for assembling a document representation for subsequent viewing or printing of a given hyperlinked hyperdocument by gathering related hyperlinked page content comprising:

>   performing a page-level link analysis that identifies those hyperlinks on a page linking to a candidate document page further comprising a methodology of:
>
> > searching page data to create a list of links in the hyperdocument;
> >
> > analyzing each link in conjunction with each other link in the list of links to identify link pairings;
> >
> > assembling link pairings in order to form clusters of links; and,
> >
> > examining the links in the cluster of links for locality;
>
>   performing a recursive application of the page-level link analysis to the linked candidate document page and any further nested candidate document pages thereby identified, until a collective table of content set of identified candidate document pages is assembled; and,
>
>   performing a document-level analysis that examines the collective table of content set of identified candidate document pages for grouping into one or more documents
>
>   examining the collective table of content set of identified candidate document pages to weed out links which have properties that are not characteristic of intra-document links, to provide a resultant set of identified candidate document pages; and,
>
>   grouping the content found in the resultant set of candidate document pages into a document representation stored in memory for subsequent viewing or printing by a user of the given hyperlinked hyperdocument.

-4-

12.   (Original) The method of claim 11 wherein the step for analyzing each link further comprises determining a score for each link pairing.

13.   (Original) The method of claim 12 wherein the scoring is determined by a proximity criteria.

14.   (Original) The method of claim 12 wherein the scoring is determined by a similarity criteria.

15.   (Original) The method of claim 12 wherein the scoring is determined by a regularity criteria.